

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

1-43 (Cancelled)

44. (Currently Amended) The heatsink assembly of claim 5342 wherein at least one of the top edge and the bottom edge of the end edges of the fins is closed.

45. (Currently Amended) The heatsink assembly of claim 5342 further comprising a thermally conductive material disposed over an end of at least one of the troughs at the first end of said folded fin member such that the end of the trough is closed.

46. (Currently Amended) The heatsink assembly of claim 5342 further comprising a gas supply source disposed proximate at the second end of said folded fin member.

47. (Currently Amended) The heatsink assembly of claim 5342 wherein material which was where said aperture is provided is completely removed from said side edgesidewall.

48. (Currently Amended) The heatsink assembly of claim 5342 wherein material which was where said aperture is provided extends from said side edgesidewall.

49. (Currently Amended) The heatsink assembly of claim 5342 wherein said folded fin member is comprised of material selected from the group including aluminum, copper, brass, a zinc-aluminum die cast, and a zinc alloy material.

50. (Currently Amended) The heatsink assembly of claim 5343 wherein said slug is comprised of material selected from the group including aluminum, copper, brass, a zinc-aluminum die cast, and a zinc alloy material.

51. (Currently Amended) The heatsink assembly of claim 5343 further comprising a thermal interface material disposed on at least one surface of said slug.

52. (Currently Amended) The heatsink assembly of claim 5354 wherein said thermal interface material is selected from the group consisting of a thermoelectric material and a thermoionic material.

53. (Previously Presented) A heatsink assembly comprising:

a folded fin member having a first end adapted to be disposed proximate a heat source and a second end, said folded fin member including a thermally conductive sheet having alternating ridges and troughs defining spaced fins having opposite end edges and wherein the fins are provided having at least one aperture in a side edge thereof; and

a slug coupled to said folded fin member wherein said slug is disposed in a generally non-vertical position.

54. (Currently Amended) The heatsink assembly of claim 5342 wherein said folded fin member includes a portion disposed in a generally non-vertical position.

55. (Currently Amended) The heatsink assembly of claim 5342 wherein said folded fin member includes at least one section disposed at a different height than another section.